

## EPA Official Record

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**Notes ID:** FCB7E8A6F8C72DDB852578690055A5D0

**From:** "Anderson, Michael \ (Boston\)" <Michael.Anderson@jacobs.com>

**To:** Dave Dickerson/R1/USEPA/US@EPA; "Rigassio-Smith, Anita" <Anita.Rigassio-Smith@jacobs.com>

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**Delivered Date:** 12/21/2007 01:14 PM EDT

**Subject:** RE: EPA Cost Est 1c\_Rev1

Dave,

To answer your questions:

1. Yes, the cost item is for Jacobs only.
2. Yes, the ~\$4.6M purchased in 2011 is for the smaller scows and push boats that will be needed to mechanically dredge the Upper Harbor in 2012 and the ~\$2.04M is for the subcontractor that will perform 2011 Lower Harbor dredging.

As for your comments:

1. The dramatically increased Battelle sampling costs were taken from the CAD Cell Alternative 3. We multiplied them by a factor of 5 at that time due to the dramatically increased volume of material to be dredged and sampled that year. It further increased in this alternative because we had simultaneous hydraulic dredging. Overall we are projecting to dredge ~8 times as much material as in a normal year. Anyway, we can change it to whatever assumption makes sense to you.

2. We'll remove the costs as you suggest.

Mike

-----Original Message-----

From: dickerson.dave@epamail.epa.gov [mailto:dickerson.dave@epamail.epa.gov]

Sent: Thursday, December 20, 2007 5:09 PM

To: Rigassio-Smith, Anita

Cc: stanley.elainet@epamail.epa.gov; K.C.Mitkevicius@nae02.usace.army.mil;

Gouveia, Mark; maurice.beaudoin@usace.army.mil; Anderson, Michael (Boston);

paul.g.l'heureux@usace.army.mil; Bob Leitch

Subject: Re: EPA Cost Est 1c\_Rev1

Anita - could you clarify a few of the notes for me?

1. "Sampling and Analysis cost is double due to the double activity":  
is this JE's costs, since Battelle's extra costs are listed separately??

2. 3rd bullet: is the marine equipment purchased in 2011 (\$4.6m) that  
equipment which will be used in 2012 in the upper harbor? (i.e. the  
\$2.042m for the 2011 mech. dredging is the subcontractor's cost for the  
LH CAD work, with no equipment purchase required?)

At some point it would make sense to have a conf. call or meeting to  
make sure I understand the estimating approach well enough to answer  
questions about it.

Also, my two main comments initially are:

1. The two Battelle line item estimates are too high: since the CAD  
cell work would involve two other activities (mech. dredging and  
disposal in to the CAD cell in addition to the hyd. dredging) I would  
assume that costs could increase by 3x (not >6x).

2. We should stop using the term "tipping fee" since its more a cost  
to create the CAD cell space at the front end. More importantly,  
since this would likely be a cost directly to the City/HDC from EPA, it  
should be taken out of this estimate. We will account for it separately  
with our discussions with HQ.

Thanks - Dave

"Rigassio-Smith,  
Anita"  
<Anita.Rigassio-Smith@jacobs.com> To  
> Dave Dickerson/R1/USEPA/US@EPA,  
> ElaineT Stanley/R1/USEPA/US@EPA,  
<K.C.Mitkevicius@nae02.usace.army  
12/20/2007 03:31 .mil>, "Bob Leitch"  
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Subject  
EPA Cost Est 1c\_Rev1

Attached is the revised 1c estimate combining hydraulic dredging and mechanical dredging in years 2011 and 2012. The following changes were made from Rev0:

- \* Fixed costs stayed the same for Planning & Reporting, O&M and NAE; the changes were:
  - o Project Management was increased by 50% for additional H&S and QC
  - o SES mob/demob is included (for the hydraulic dredging)
  - o Sampling & Analysis cost is double due to the double activity
  - o Battelle sampling and data management is both the cost calculated for hydraulic dredging plus that for mechanical dredging
- \* Hydraulic dredging for 45 days was added to both years 2011 and 2012
- \* The purchase of marine equipment was added in year 2011 since this is the costs for the scows, etc.
- \* The SES retainer was removed since they are coming back for hydraulic dredging
- \* The tipping fee (\$30/cy + escalation, per 9/12/07 weekly call) was added. There is no JE fee added to the tipping fee.

The rows that did not have any information or costs are now hidden. This should simplify the review.

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